

Petroquim PP PH 0131

Polypropylene Homopolymer

Petroquim S.A.

Message:

Apt for thermoforming. Good processability and productivity and a high melting point. It is formulated especially to produce parts with an excellent transparency and shine.

Applications:

Highly transparent cups, trays and jars. Containers for margarine, yogurt, desserts and food in general, and cell containers.

General Information			
Features	Highlight		
	Homopolymer		
	Workability, good		
	Definition, high		
Uses	Cup		
	Container		
	Food container		
Agency Ratings	FDA 21 CFR 177.1520		
	Europe 10/1/2011 12:00:00 AM		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1700	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	102	°C	ASTM D648
Vicat Softening Temperature	154	°C	ASTM D1525 ¹
Extrusion instructions			
Processing:Thermoforming:Feeding 200 °CScrew 200 to 235 °CBolster 240 °C			
NOTE			
1.	压力1 (10N)		

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